

Amendments to the Claims

Please amend the claims to read as follows:

1 – 2. (canceled).

3. (currently amended): ~~The float/sink separation device of Claim 1,~~
A float/sink separation device for separation of absorbent/floating material from product mixes, the absorbent/floating material at least partially saturated with residual fluid, said separation device comprising:
a vibrating filter for extraction of the residual fluid from absorbent/floating material and producing a filtered product mix;
a separating tank positioned to receive the filtered product mix from the vibrating filter, the separating tank filled with a liquid separating medium and having a flow generating device creating a surface flow in the separating medium and propelling the absorbent/floating material as a floating fraction from the a reception point of the product mix to an output point for the floating fraction, at such a speed that absorption of the separating medium is substantially avoided;
a mechanism for removal of the separated floating fraction from the separating tank;
and wherein the flow generating device comprises nozzles which are positioned below the surface of the separating medium and from which separating medium is ejected under pressure.

4 – 5. (canceled).

6. (currently amended): ~~The float/sink separation device of Claim 4,~~
A float/sink separation device for separation of absorbent/floating material from product mixes, the absorbent/floating material at least partially saturated with residual fluid, said separation device comprising:
a vibrating filter for extraction of the residual fluid from absorbent/floating material and producing a filtered product mix;
a separating tank positioned to receive the filtered product mix from the vibrating filter, the separating tank filled with a liquid separating medium and having a flow generating device creating a surface flow in the separating medium and propelling the absorbent/floating material as a floating fraction from the a reception point of the product mix to an output point for the floating fraction, at such a speed that absorption of the separating medium is substantially avoided;
a mechanism for removal of the separated floating fraction from the separating tank;
and wherein the mechanism for removal of the floating fraction from the separation tank comprises a circulating scraper which is arranged at the edge of the separator tank and which is partially immersed in the separating medium.
7. (canceled).

8. (currently amended): ~~The float/sink separation device of Claim 7;~~
A float/sink separation device for separation of absorbent/floating material from product mixes, the absorbent/floating material at least partially saturated with residual fluid, said separation device comprising:
a vibrating filter for extraction of the residual fluid from absorbent/floating material and producing a filtered product mix;
a separating tank positioned to receive the filtered product mix from the vibrating filter, the separating tank filled with a liquid separating medium and having a flow generating device creating a surface flow in the separating medium and propelling the absorbent/floating material as a floating fraction from the a reception point of the product mix to an output point for the floating fraction, at such a speed that absorption of the separating medium is substantially avoided;
a mechanism for removal of the separated floating fraction from the separating tank;
a mechanism for removal of the a sinking fraction from the separating tank;
and wherein the mechanism for removal of the sinking fraction comprises a circulating scraper floor which is immersed in the separating medium and which extends from the bottom of the separator tank to above its upper edge.

9 – 11. (canceled).